WHAT IS CLAIMED IS:

1. A radio set comprising:

an antenna for transmitting radio signals and receiving radio signals;

a circuit substrate comprising a radio circuit for transmitting and receiving radio signals; and

a plurality of ground patterns provided on said circuit substrate,

said ground patterns being electrically connected by connection means, so as to generate electric currents which have the same phase as an electric current generated in said antenna,

said connection means being arranged to cause an electric current to flow, which has a phase opposite to the phase of the electric current generated in said antenna.

2. The radio set according to claim 1, wherein said connection means is an inductor.

3. The radio set according to claim 1, wherein said connection means is a capacitor.

4. A radio set comprising:

an antenna for transmitting radio signals and receiving radio signals; and

a circuit substrate comprising a ground pattern and a radio circuit for transmitting and receiving radio signals;

said ground pattern having a notch at a position

where an electric current having a phase opposite to the phase of the electric current generated in said antenna is likely to be generated, said notch extending perpendicularly to the direction in which the electric current generated in said antenna flows, so as not to generate an electric current having a phase opposite to the phase of the electric current generated in said antenna.

5. A radio set comprising:

an antenna for transmitting radio signals and receiving radio signals; and

a circuit substrate comprising a ground pattern and a radio circuit for transmitting and receiving radio signals;

said ground pattern having a projection at a position where an electric current having a phase opposite to the phase of the electric current generated in said antenna is likely to be generated, said projection extending perpendicularly to the direction in which the electric current generated in said antenna flows, so as not to generate an electric current having a phase opposite to the phase of the electric current generated in said antenna.

6. A radio set comprising:

an antenna for transmitting radio signals and receiving radio signals;

a circuit substrate comprising a radio circuit for

transmitting and receiving radio signals;

a first ground pattern provided on said circuit substrate;

a second ground pattern provided on said circuit substrate; and

connection means for electrically connecting the first and second ground patterns, so as to make that electric currents flowing through said first and second ground patterns have the same phase as the electric current generated in said antenna.

7. The radio set according to claim 6, wherein said connection means is an inductor.

8. The radio set according to claim 6, wherein said connection means is a capacitor.